EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2376	"123".clas. AND ((intake with air with var$6) same (valve))	USPAT	OR	OFF	2008/09/15 09:01
L2	610	"123".clas. AND ((intake with air with var$6) same (intake adj valve))	USPAT	OR	OFF	2008/09/15 09:01
L3	33	123/436.ccls. AND ((intake with air with var$6) same (valve))	USPAT	OR	OFF	2008/09/15 09:02
S2	503	(123/436).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 14:44
S3	111	(123/679).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 14:44
S12	285	(123/90.18).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 17:32
S14	444	(701/104).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 17:33
S15	656	(701/110).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 17:33
S16	1522	(73/116).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 17:33
S17	1915	(73/118.1).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 17:33
S18	638	(73/118.2).CCLS.	USPAT; USOCR	OR	OFF	2008/01/02 17:33
S19	4	("4368707" | "4442815" | "4829963" | "5345912").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:19
S20	38265	(Air OR Oxygen OR Fuel) SAME (Vari$5 OR Deviat$3 OR Disparit$3 OR Dissimilar$3 OR Diver$5 OR Differ$4) SAME (Cylinder)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:30

S21	32106	(Increas$3 OR Amplif$4 OR Augment$3 OR Boost$3 OR Magnif$4 OR Multipl$4 OR Rais$3 OR Decreas$3 OR Lower$3 OR Modif$4 OR Reduc$3 OR Adjust$3) SAME (Fuel OR Gasoline OR Gas) SAME (torque OR (rotation NEAR speed) OR (crank NEAR speed) OR RPM)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:31
S22	1938	S20 SAME S21	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:31
S23	0	S22 AND ("123.clas" OR "701.clas" OR "73.clas")	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:36
S24	0	"123.clas" OR "701.clas" OR "73.clas"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:37
S25	38265	(Air OR Oxygen OR Fuel) SAME (Vari$5 OR Deviat$3 OR Disparit$3 OR Dissimilar$3 OR Diver$5 OR Differ$4) SAME (Cylinder)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:38
S26	32106	(Increas$3 OR Amplif$4 OR Augment$3 OR Boost$3 OR Magnif$4 OR Multipl$4 OR Rais$3 OR Decreas$3 OR Lower$3 OR Modif$4 OR Reduc$3 OR Adjust$3) SAME (Fuel OR Gasoline OR Gas) SAME (torque OR (rotation NEAR speed) OR (crank NEAR speed) OR RPM)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:38
S27	1938	S25 SAME S26	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:38
S28	1534	S27 AND ("123".clas. OR "701".clas. OR "73".clas.)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:38

S29	44239	(Increas$3 OR Amplif$4 OR Augment$3 OR Boost $3 OR Magnif$4 OR Multipl $4 OR Rais$3 OR Decreas $3 OR Lower$3 OR Modif $4 OR Reduc$3 OR Adjust $3) SAME (Fuel OR Gasoline OR Gas) SAME (torque OR (rotation NEAR2 speed) OR (crank NEAR2 speed) OR RPM OR (Engine NEAR2 Speed))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:47
S30	7271	(Air OR Oxygen OR Fuel) SAME (Vari$5 OR Deviat $3 OR Disparit$3 OR Dissimilar$3 OR Diver$5 OR Differ$4) SAME (Cylinder) SAME (detect$3 OR sens$3)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:58
S31	833	S29 SAME S30	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:58
S32	705	S31 AND ("123".clas. OR "701".clas. OR "73".clas.)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 15:59
S33	1140	S28 NOT S32	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:00
S34	10	S32 AND (Intake NEAR air NEAR amount NEAR Variation)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:13
S35	188	123/344.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:26
S36	183	S32 AND (123/344.ccls. OR 123/345.ccls. OR 123/346.ccls. OR 123/347. ccls. OR 123/348.ccls. OR 123/436.ccls. OR 123/90.15.ccls. OR 123/90.16.ccls. OR 123/90.17.ccls. OR 123/90.18.ccls. OR 701/103.ccls. OR 701/104. ccls. OR 701/110.ccls. OR 73/116.ccls. OR 73/118.1. ccls. OR 73/118.2.ccls.)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:30

S37	403	S28 AND (123/344.ccls. OR 123/345.ccls. OR 123/346.ccls. OR 123/347.ccls. OR 123/348.ccls. OR 123/436.ccls. OR 123/90.15.ccls. OR 123/90.16.ccls. OR 123/90.17.ccls. OR 123/90.18.ccls. OR 701/103.ccls. OR 701/104.ccls. OR 701/110.ccls. OR 73/116.ccls. OR 73/118.1.ccls. OR 73/118.2.ccls.)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:31
S38	55	S36 AND lean AND rich	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:41
S39	117	S37 AND lean AND rich	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 16:42
S40	320	(123/344).CCLS.	USPAT; USOCR	OR	OFF	2008/01/03 18:18
S41	0	("2007/0163547").URPN.	USPAT	OR	ON	2008/01/03 18:45
S42	207	(123/345).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 08:59
S43	243	(123/346).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 14:14
S44	240	(123/347).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 14:25
S45	227	(123/348).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 14:45
S46	1718	(123/90.15).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 15:00
S47	1679	(123/90.16).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 15:00
S48	1519	(123/90.17).CCLS.	USPAT; USOCR	OR	OFF	2008/01/04 15:00
S49	50	(("4245604") or ("4245605") or ("4250706") or ("4256062") or ("4257377") or ("4264537") or ("4272460") or ("4286560") or ("4308827") or ("4321900") or ("4327675") or ("4362673") or ("4364363") or ("4385491") or	USPAT; USOCR	OR	OFF	2008/01/07 15:58

		("4400974") or ("4401086") or ("4436072") or ("4442818") or ("4484441") or ("4489696") or ("4520783") or ("4522180") or ("4561404") or ("4858136") or ("4886030") or ("5183021") or ("5239966") or ("5522366") or ("5529043") or ("5568799") or ("5586537") or ("5586544") or ("5590632") or ("5609142") or ("5611310") or ("5622049") or ("5644073") or ("5690074") or ("5701871") or ("5878711") or ("5947098") or ("5970947") or ("5988138") or ("5992372") or ("6014955") or ("6073606") or ("6178943") or ("6230699") or ("6240354") or ("6244047")).PN.				
S50	493	(701/103).CCLS.	USPAT; USOCR	OR	OFF	2008/01/08 09:01
S51	1	("5377654").PN.	USPAT; USOCR	OR	OFF	2008/01/09 15:22
S52	1	("7128051").PN.	USPAT; USOCR	OR	OFF	2008/01/09 15:23
S53	1	("6694960").PN.	USPAT; USOCR	OR	OFF	2008/01/09 15:27
S54	1	("6324835").PN.	USPAT; USOCR	OR	OFF	2008/01/09 15:27
S55	1	("20050188929").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 15:29
S56	1	("7159547").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 15:47

S57	1	("4513721").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 09:46
S58	1	("4442815").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 09:46
S59	1	("6975934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 09:46
S60	493	(701/103).CCLS.	USPAT; USOCR	OR	OFF	2008/01/15 09:35
S61	386	(701/111).CCLS.	USPAT; USOCR	OR	OFF	2008/01/15 09:35
S62	1218	(73/117.3).CCLS.	USPAT; USOCR	OR	OFF	2008/01/15 09:36
S63	1	("6079511").PN.	USPAT; USOCR	OR	OFF	2008/01/16 10:20
S64	1	("5447061").PN.	USPAT; USOCR	OR	OFF	2008/01/16 10:21
S65	2	(("6170465") or ("6975934")).PN.	USPAT; USOCR	OR	OFF	2008/01/18 16:25
S66	14	(Adjust$4 OR alter$3 OR regulat$3 OR tun$3 OR set$4 OR correct$3 OR modify$3 OR vary$3) SAME (Air OR fuel OR (fuel NEAR3 amount) OR (air NEAR3 amount) OR (injection NEAR3 amount)) SAME ((Quality NEAR4 combustion) OR (Combustion NEAR4 State) OR Quality) SAME (Threshold OR Range OR Interval OR Limit) SAME (torque OR (engine adj speed) OR (rotation$2 adj speed)) AND (123/673.ccls. or 123/672.ccls. or 123/434.ccls. or 123/436.ccls.)	USPAT	OR	OFF	2008/09/11 19:44

9/15/2008 10:24:35 AM
C:\ Documents and Settings\ svilakazi\ My Documents\ EAST\ Workspaces
\ 10589898IntakeAirVariationDetector.wsp